



PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet

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of

5

Application Number	10/539,093
Filing Date	15 June 2005
First Named Inventor	John M. YANNI
Art Unit	1632
Examiner Name	
Attorney Docket Number	2394 US F

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
AS	A1	US- 3,991,759	11-16-1976	Urquhart	
	A2	US- 4,131,651	12-26-1978	Shah et al.	
	A3	US- 4,370,325	01-25-1983	Packman	
	A4	US- 4,409,205	10-11-1983	Shively	
	A5	US- 4,744,980	05-17-1988	Holly	
	A6	US- 4,753,945	06-28-1988	Gilbard et al.	
	A7	US- 4,818,537	04-04-1989	Guo	
	A8	US- 4,868,154	09-19-1989	Holly	
	A9	US- 4,914,088	04-03-1990	Gloniek et al.	
	A10	US- 4,966,773	10-30-1990	Gressel et al.	
	A11	US- 5,041,434	08-20-1991	Lubkin	
	A12	US- 5,075,104	12-24-1991	Gressel et al.	
	A13	US- 5,174,988	12-29-1992	Mautone et al.	
	A14	US- 5,278,151	01-11-1994	Korb et al.	
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	A16	US- 5,294,607	03-15-1994	Gloniek et al.	
	A17	US- 5,371,108	12-06-1994	Korb et al.	
	A18	US- 5,403,841	04-04-1995	Lang et al.	
	A19	US- 5,455,265	10-03-1995	Chandraratna	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
A20						
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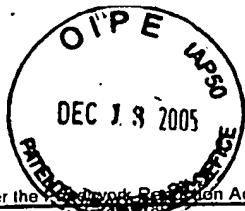
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Sheet 2 of 5

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Application Number	10/539,093
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First Named Inventor	John M. YANNI
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Attorney Docket Number	2394 US F

## U. S. PATENT DOCUMENTS

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**Examiner  
Signature**

/Anoop Singh/

Date  
Considered

01/02/2007

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Sheet 3 of 5 Attorney Docket Number 2394 US F

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AS	B1	BARABINO S and DANA MR (2004). Animal models of dry eye: a critical assessment of opportunities and limitations. 45(6): 1641-1646	
	B2	BEHRENS et al. (2002). Retroviral gene therapy vectors for prevention of excimer laser-induced corneal haze. IOVS 43(4): 968-977	
	B3	BRASH et al., "Discovery of a second 15S-lipoxygenase in humans", PROC. NATL. ACAD. SCI. USA 94:6148-6152 (1997)	
	B4	DARTT et. al., "Vasoactive Intestinal Peptide-Stimulated Glycoconjugate Secretion from Conjunctival Goblet Cells", EXPERIMENTAL EYE RESEARCH 63:27-33, (1996)	
	B5	DILLY et al., "Surface changes in the anaesthetic conjunctiva in man, with special reference to the production of mucus from a non-goblet-cell source", BRITISH JOURNAL OF OPHTHALMOLOGY 65:833-842 (1981).	
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	B7	HSI et al., "Evaluation of the activity and localization of 15-Lipoxygenase-1 after introduction into human colorectal carcinoma Caco-2 cells", PROSTAGLANDINS, LEUKOTRIENES AND ESSENTIAL FATTY ACIDS 64 (4 & 5):217-225 (2001)	
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AS	B10	KAMATA et al. (2001). Adenovirus-mediated gene therapy for corneal clouding in mice with mucopolysaccharidosis type VII. MOLECULAR THERAPY 4(4): 307-312	

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Application Number	10/539,093
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AS	C1	LEMP, "Report of the National Eye Institute/Industry Workshop on Clinical Trials in Dry Eyes", The CLAO Journal, 21(4):221-232 (1995)	
	C2	LIMINGA et al (1994). Arachidonate 15-lipoxygenase in human corneal epithelium and 12- and 15-lipoxygenases in bovine corneal epithelium: comparison with other bovine 12-lipoxygenases. Biochim Biophys Acta. 1210(3): 288-296	
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	C4	MAROM et al., "Human Airway Monohydroxyeicosatetraenoic Acid Generation and Mucus Release", JOURNAL OF CLINICAL INVESTIGATION 72:122-127 (1983)	
	C5	MARTIN et al. (2002). Gene delivery to the eye using adeno-associated viral vectors, METHODS 28 267-275	
	C6	MCCULLEY and SHINE, "Tear Film Structure and Dry Eye", Contactologia, 20(4):145-49 (1998)	
	C7	NAKMURA et. al., "Gefarnate Stimulates Secretion of Mucin-Like Glycoproteins by Corneal Epithelium in Vitro and Protects Corneal Epithelium from Desiccation in Vivo", EXPERIMENTAL EYE RESEARCH 65:569-574 (1997)	
	C8	PETERSON CM et al. (2002). Dry eye syndrome in postmenopausal women. JAMA 287(5): 585-586	
▼	C9	PFEIFER A and VERMA IM (2001). Gene Therapy: promises and problems. Annu Rev Genomics Hum Genet. 2: 177-211	
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AS	D1	SHAPPELL et al., "15-Lipoxygenase-2 Expression in Benign and Neoplastic Sebaceous Glands and Other Cutaneous Adnexa", J. INVESTIGATIVE DERMATOLOGY. 117(1):36-43 (2001)	
	D2	SHINE and MCCULLEY, "Keratoconjunctivitis Sicca Associated With Meibomian Secretion Polar Lipid Abnormality", ARCHIVES OF OPHTHALMOLOGY 116(7):849-52 (1998)	
	D3	STECHSCHULTE et al., "Rapid Ocular Angiogenic Control via Naked DNA Delivery to Cornea", INVEST. OPHTHALMOL. VIS. SCI. 42(9):1975-1979 (2001)	
	D4	VERMA, I. M. and SOMIA, N. (1997). Gene therapy-promises, problems and prospects. NATURE 389: 239-242	
↓	D5	WATANABE et al., "Human Corneal and Conjunctival Epithelia Produce a Mucin-like Glycoprotein for the Apical Surface", INVESTIGATIVE OPHTHALMOLOGY AND VISUAL SCIENCE 36(2):337-344 (1995)	
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	D7		
	D8		
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